

## Installable File System Mechanism

The OS/2 Installable File System (IFS) Mechanism supports the following:

- Coexistence of multiple, active file systems in a single PC
  - Multiple logical volumes (partitions)
  - Multiple and different storage devices
  - Redirection or connection to remote file systems
  - File system flexibility in managing its data and I/O for optimal performance
  - Transparency at both the user and application level
  - Standard set of File I/O API
  - Existing logical file and directory structure
  - Existing naming conventions
  - File system doing its own buffer management
  - File system doing file I/O without intermediate buffering
  - Extensions to the Standard File I/O API (FSCTL)
  - Extensions to the existing naming conventions
  - IOCTL type of communication between a file system and a device driver
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